

METHOD AND INSTALLATION FOR PRODUCING FIBROUS MATERIAL FROM THERMOPLASTICS

Veröffentlichungsnr (Sek)	RU2117719
Veröffentlichungsdatum	1998-08-20
Erfinder	BORDUNOV VLADIMIR VASIL EVICH; VOLOKITIN GENNADIJ GEORGIEVICH
Anmelder	BORDUNOV VLADIMIR VASIL EVICH; VOLOKITIN GENNADIJ GEORGIEVICH
Veröffentlichungsnummer	□
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Klassifikationssymbol (IPC)	D01D5/08; D04H3/16
Klassifikationssymbol (EC)	
Korrespondierende Patentschriften	

Bibliographische Daten

FIELD: polymer materials. SUBSTANCE: thermoplastic is melted, melt is converted into film, which is used to spin fiber by means of imparting kinetic energy to the film, energy being supplied by a pan rotating with peripheral velocity at least 10 m/s. Viscosity of melt is close to that at its destruction temperature. Installation has extruder with rotatory fiber-former, product precipitation unit, and receiving device. EFFECT: enabled reprocessing industrial and domestic thermoplastic wastes and increased yield of fibrous material. 9 cl, 5 dwg, 4 tblm

Daten aus der **esp@cenet** Datenbank - - I2

2000-245390/21 A32 F01 (F04) BORD/1997.06.26
BORDUNOV V V *RU 2117719-C1
1997.06.26 1997-110883(+1997RU-110883) (1998.08.20) D01D
5/08, D04H 3/16

Method and installation for producing fibrous material from thermoplastics

C2000-074128

Addnl. Data: BORDUNOV V V, VOLOKITIN G G
VOLOKITIN G G (VOLO/)

NOVELTY

Thermoplastic is melted, melt is converted into film, which is used to spin fiber by means of imparting kinetic energy to the film, energy being supplied by a pan rotating with peripheral velocity at least 10 m/s. Viscosity of melt is close to that at its destruction temperature. Installation has extruder with rotatory fiber-former, product precipitation unit, and receiving device.

USE

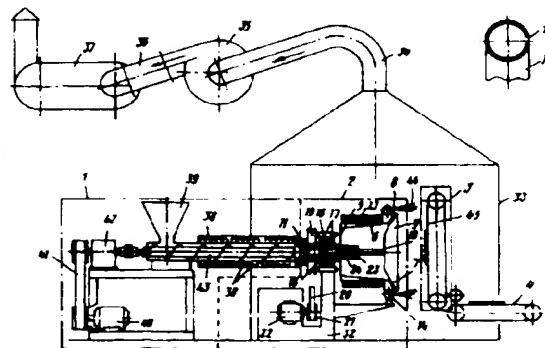
Polymer materials.

ADVANTAGE

Enabled reprocessing industrial and domestic thermoplastic

A(11-B15B1) F(1-C8B1)

wastes and increased yield of fibrous material. 9 cl, 5 dwg, 4 tblm



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